

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended): A device for autologous blood transfusion comprising:

an autotransfusion set including a separation unit for concentrating a cell fraction, a tubing system for providing a connection to a blood supply, ~~and~~ a filter means for eliminating at least one of leukocytes and tumor cells, a blood collecting tank having an inlet and an outlet, and a device for generating a vacuum connected to the blood collecting tank, the tubing system including a blood supply line leading to the separation unit for supplying blood to be processed, and a return line leading away from the separation unit for supplying the concentrated cell fraction, wherein the blood supply line includes a first section connected to the inlet of the blood collecting tank and a second section connected to the outlet of the blood collecting tank, and wherein the filter means is arranged in the blood supply line of the tubing system; and

a centrifuge unit, the separation unit of the autotransfusion set being rotatably mounted to the centrifuge unit.

2 (canceled).

~~3~~ (currently amended) The device of claim 1, wherein ~~the autotransfusion set further includes a blood collecting tank having an inlet and an outlet, the blood supply line includes a first~~

~~section connected to the inlet of the collecting tank and a second section connected to the outlet of the collecting tank, and the filter means is arranged in the collecting tank.~~

3/4²(original): The device of claim 3 further including means for supplying an anti-coagulant, the means for supplying an anti-coagulant being connected to the blood supply line of the tubing system.

4/5 (currently amended): An autotransfusion set for a device for autologous blood transfusion comprising:

a separation unit for concentrating a cell fraction;

a blood collecting tank having an inlet and an outlet;

a device for generating a vacuum connected to the blood collecting tank;

a tubing system including a blood supply line leading to the separation unit for supplying blood to be processed, and a blood return line leading away from the separation unit for supplying the concentrated cell fraction, wherein the blood supply line includes a first section connected to the inlet of the blood collecting tank and a second section connected to the outlet of the blood collecting tank; and

filter means for eliminating at least one of leukocytes and tumor cells, wherein the filter means is arranged in the blood supply line of the tubing system.

6 (canceled).

5/7 (currently amended): The autotransfusion set of claim ⁴5, wherein ~~the tubing system further includes a blood collecting tank having an inlet and an outlet, the blood supply line includes a first section connected to the inlet of the collecting tank and a second section connected to the outlet of the collecting tank, and the filter means is arranged in the collecting tank.~~

6/8 (original): The autotransfusion set of claim ⁵7 further including means for supplying an anti-coagulant, the means for supplying an anti-coagulant being connected to the blood supply line of the tubing system.

7/9 (currently amended): A method of autologous blood transfusion comprising the steps of:
collecting a quantity of blood from a patient;
passing the blood through a blood supply line including a first section connected to an inlet of a blood collecting tank, a second section connected to an outlet of the blood collecting tank, and a filter, wherein the blood is drawn into the blood supply line via a device for generating a vacuum which is connected to the blood collecting tank;
passing the blood through the filter to eliminate at least one of leukocytes and tumor cells;
centrifuging the filtered blood in order to concentrate a cell fraction, and
returning the concentrated cell fraction to the patient.

8/10 (original): The method of claim ⁷9 wherein the quantity of blood is treated with an anti-coagulant.